

Product/Process Change (PCN) Notification

PCN Number: CO-17975 Date Issued: Aug 21 st , 2017 PCN Effective Date: Nov 21 st , 2017 Product(s) Affected: PE64907 Sample Availability: Aug 30 th , 2017 Change Control Board Approval #: CO-17975	Contact: Elizabeth La Greca Title: Director, Sales Operations Phone: 858-255-7839 Email: PCN@psemi.com
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Change Category:

<input checked="" type="checkbox"/> Wafer Fabrication Process - Dual Source <input type="checkbox"/> Design/Mask Change <input type="checkbox"/> Singulation Process <input type="checkbox"/> Assembly Process <input type="checkbox"/> Electrical Test <input type="checkbox"/> Manufacturing Site	<input type="checkbox"/> Shipping/Labeling <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input checked="" type="checkbox"/> Product Specification <input type="checkbox"/> Product End of Life <input checked="" type="checkbox"/> Other - Ordering Code
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Purpose of Change:

To enable MagnaChip and Lapis as dual source wafer fabrication sites and inform customers of PE64907 specification change in datasheet.

Description of Change:

1. MagnaChip closed their 150 mm wafer CMOS fab in South Korea at the end of 2015. To ensure there is no disruption to supply, we have been working to transfer products from MagnaChip fab to Lapis fab in Japan. Beginning Nov 21st, 2017, the PE64907 shipped to customers will be supplied from either MagnaChip or Lapis wafers.

Ordering codes:

(Original) MagnaChip part number: PE64907MLAA-Z, EK64907-11

(New) Lapis part number: PE64907B-Z, EK64907-12

2. Capacitance range change in datasheet is applied to PE64907 from MagnaChip fab and Lapis fab.

Original:

Parameter	Condition	Min	Typ	Max	Units
Minimum Capacitance	State 0000, 100 MHz	0.77	0.85	0.94	pF
Maximum Capacitance	State 1111, 100 MHz	2.16	2.40	2.64	pF

Updated:

Parameter	Condition	Min	Typ	Max	Units
Minimum Capacitance	State 0000, 100 MHz	0.68	0.85	1.02	pF
Maximum Capacitance	State 1111, 100 MHz	1.92	2.40	2.88	pF

For more information, please contact PCN@psemi.com.

***Customer Acknowledgement is based upon JEDEC Standard, JESD46D.** Form # DOC-00558 Rev 2
If there is a difference between JEDEC and specific customer requirements, customer requirements take precedence.

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Customer Acknowledgement of Receipt* :

<input type="checkbox"/> Change Denied <i>(Include explanation in comments section below)</i> <input type="checkbox"/> Change Approved	Name:	
	Title:	
	Company:	
	Date:	
	Signature:	
Customer Comments:		

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